

Message

From: Sivertsen, Scott [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=56A8B664924A40E18766F1C843EEC111-SIVERTSEN, SCOTT]
Sent: 4/2/2018 2:55:19 PM
To: Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]
Subject: RE: Nafion...

Thanks. I guess we're current on available standards. I'm not sure what was said in that last check-in conference call, that would lead the person to think we should have received more standards. It may have been in reference to your email to Lam.

Scott

From: Strynar, Mark
Sent: Monday, April 02, 2018 10:49 AM
To: Sivertsen, Scott <Sivertsen.Scott@epa.gov>
Subject: RE: Nafion...

I have not received the additional standards yet but have asked for them on 3-15-18 in the email I cc'd you in.

Mark

From: Sivertsen, Scott
Sent: Monday, April 02, 2018 10:36 AM
To: Strynar, Mark <Strynar.Mark@epa.gov>
Subject: RE: Nafion...

Hi Mark,

I've received the following three standards, in two shipments:

- PFESA1 – neat
- PFESA2 – neat
- PFMOAA – 0.98% in water

The letter that was sent with the PFMOAA lists the availability of additional compounds that you messaged Lam about on 15-March-2018:

As outlined in Progress Reports provided by Chemours in accordance with the Wastewater Sampling Plan submitted to the DEQ on September 15, 2017, this material was synthesized so that Chemours could provide data on PFMOAA in certain wastewater from Fayetteville Works. Chemours worked diligently to synthesize relevant standards and create analytical methods for Table 3 compounds, as no commercially available analytical standards or methods were available for determining the concentration of these compounds in wastewater. Because of this work, Chemours also has authentic reference material (salt form) for PFO₂HxA, PFO₃OA, PFO₄DA, PFESA Byproduct 1 and PFESA Byproduct 2 that we are willing to provide if needed. Chemours remains willing to work with DEQ and EPA on optimizing analytical methodology.

It says those compounds are available, but we haven't any received those additional three compounds – have you?

Thanks,

Scott

From: Strynar, Mark
Sent: Monday, April 02, 2018 9:03 AM
To: Sivertsen, Scott <Sivertsen.Scott@epa.gov>
Subject: RE: Nafion...

Scott,

I recently asked them to send the following standards to you and I on 3-15-18. You were cc'd in the email below. Here is what I sent. I think there are two standards related to Nafion (PFESA Byproduct #4 and NVHOS).

Mark

Email to Lam Leung at Chemours 3-15-18

Lam,

I hope all is going well for you. It took me some time to get to writing this letter. I hope the last Nor Easter missed you.

Per our discussion last week and the letter I received with the PFMOAA standard you provide I am asking for a small aliquot of additional chemical standards.

Your letter dated March 2, 2018 you indicated you had available PFO₂HxA, PFO₃OA and PFO₄DA.

In your letter dated December 24th 2017 you indicated you had a standard coming available in January called PFESA Byproduct #4.

Lastly in your letter dated January 26th, 2018 after a discussion James McCord and I had with you, you indicated you had a standard for an analyte called NVHOS.

Please let me know when/if these can be made available to us. I expect the R4 lab would also benefit from these standards being made available. If this is also possible please let me know.

Thanks,

Mark

Dr. Mark J. Strynar
Physical Scientist
US EPA
National Exposure Research Laboratory
919-541-3706
Strynar.mark@epa.gov

From: Sivertsen, Scott
Sent: Friday, March 30, 2018 2:09 PM
To: Strynar, Mark <Strynar.Mark@epa.gov>
Subject: Nafion...

Hi Mark,

I heard that Chemours had produced at least one more compound; related to Nafion from what I understand. Details on this are sketchy as I'm getting the information 2nd hand. I've not gotten a shipment or heard anything. I'm not sure if we're being included in this party...

What can you tell me?

Thanks,

Scott

Scott Sivertsen
Chemist, Region 4 US EPA
980 College Station Road
Athens, GA 30605

706/355-8869 (office)
706/355-8857 (FAX)
